



**ENGINEERING DIVISION**  
Capital Improvements Section

**Monthly Capital Projects Report**  
**September 2021**

Honorable Mayor & Council,

Our reporting continues to include only projects that have experienced substantial progress.

The attached map is a comprehensive view of all active projects in our community, either in planning, design, or construction.

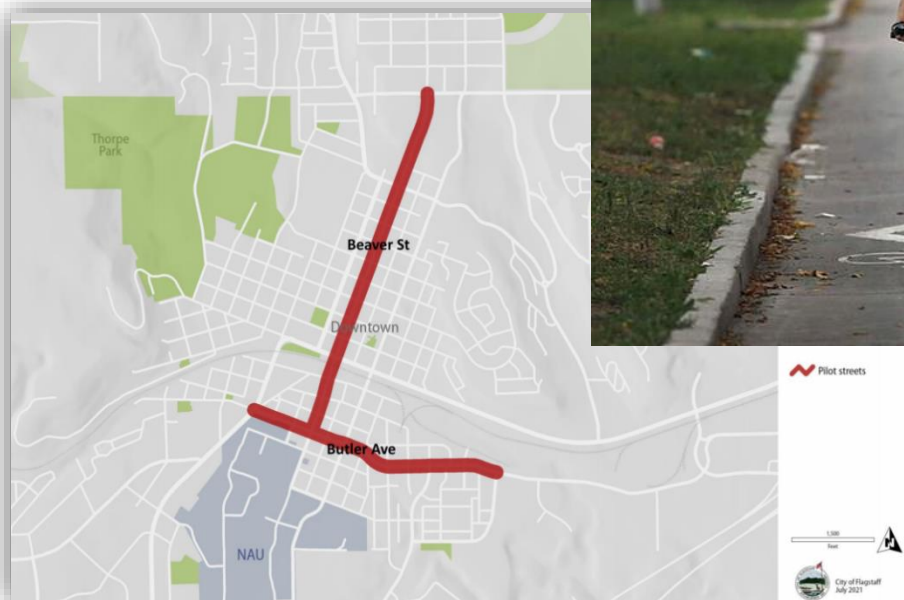
## **Protected Bike Lane Pilot Projects (Butler Avenue & Beaver Street)** (DESIGN & CONSTRUCTION PHASE)

FUND: TRANSPORTATION TAX (BICYCLE AND PEDESTRIAN PROJECTS)

**Description** – At Council’s July 6, 2021 meeting, staff was directed to pursue two pilot projects intended to enhance the safety and overall experience of the community’s cyclists in our downtown area. Depicted in the map below, Council directed staff to move forward with the concrete & candlestick treatment (see image below) on both pilot projects with a target completion by December 30, 2021. The Butler Ave pilot project’s scope consists of the approved treatment and some additional striping between Milton Rd. and Sawmill Rd., approximately 0.9 miles. The Beaver St. pilot project’s scope consists of the approved treatment, some lane obliteration and restriping, where applicable between Forest Ave. and Butler Ave., approximately 1.2 miles.

### **Project Update:**

- Design by Transportation Engineering for the Phase I Butler Avenue segment was completed 8/12/21.
- Capital Improvements put a solicitation out for bids from our four Job Order Contractors that are to be returned 8/27/21.
- A Task Order Has been Issued to Eagle Mountain Construction (the only JOC to respond) in the amount of \$538,650.
- Transportation Engineering is working on design for the Phase II - Beaver Street segment and projected completion date is 9/17/21.
- Both Phases are expected to be complete in Calendar Year 2021 depending on availability of materials and subcontractors as well as favorable weather conditions.



## **Museum Fire Flood Mitigation/Division D** (DESIGN & CONSTRUCTION PHASE)

FUND: STORMWATER

**Description:** The Engineering Division is providing support to Water Services' Stormwater Section and to Coconino County's Flood Control District for emergency operations and flooding associated with the 2021 Monsoon Season.

### **Project Update:**

- Providing Project Management services for the Spruce Wash Improvements (Cedar – Dortha)
- Assisting with property acquisition for Spruce Wash Channel Maintenance
- Managing channel widening project at End of Paradise
- Flood Director Assignments
- Providing Stormwater Section Support including overflow flood mitigation, debris/sediment clean-up and development of a flood gate detail for use on properties that have perimeter sandbags to allow driveway access when flooding is not occurring
- Performed public property damage assessment
- Working to identify property acquisition needs along E. Appalachian Drive, E. Skyline Drive, E. Hemberg Drive, E. Matterhorn Drive and N. St. Moritz Way
- Attended 1 ½-day Summit sponsored by the Flood Control District.





## **La Plaza Vieja Traffic Calming** (DESIGN PHASE)

FUND: TRANSPORTATION TAX (SAFETY) & HOUSING [CDBG] ALLOCATION

**Description** – The project is assisting the neighborhood by improving pedestrian safety of crosswalks, sidewalks, bike lanes and storm drainage at the Kingman Street and Florence Street/Malpais Lane intersections along Clay Avenue.

### **Project Update:**

- Capital Improvements is assisting Comprehensive Planning.
- The final design has been approved and bids were received through the JOC procurement process. Kinney Construction Services, Inc. is the contractor that will be delivering the project.
- Due to the inflated costs of construction, there is only sufficient funding to complete one of the intersections at this time.
- The City has funding to complete improvements at the Kingman Street and Clay Avenue intersection.
- The Contractor expects to begin work at the end of September and will be complete before the end of calendar year 2021.
- Staff will ensure that advanced notification of the timeline and project impacts to this intersection are provide to the neighborhood
- CDBG funding will be spent before April 2022.



*Conceptual Plan of Proposed Improvements*

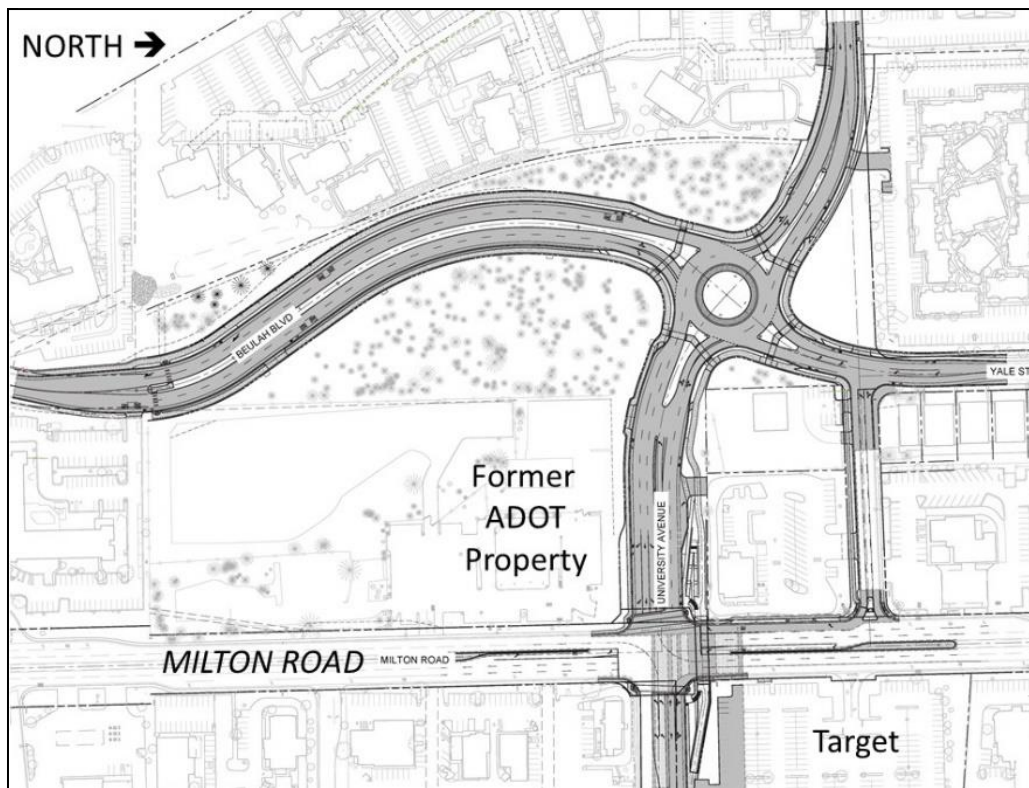
## **Beulah Boulevard Extension/University Drive Realignment** (DESIGN PHASE)

FUND: TRANSPORTATION TAX (STREETS)

**Description** – This project extends the northern terminus of Beulah Boulevard to connect with University Drive. Furthermore, University Avenue (west of Milton) will be realigned to match up with University Drive (east of Milton). A new roundabout will be constructed where Beulah Boulevard and University Drive will intersect.

### **Project Update:**

- Shephard-Wesnitzer, Inc. (SWI) is working on the redesign work for the bicycle and pedestrian components, including:
  - Off-street bike and pedestrian ways along Beulah Boulevard and University Avenue.
  - Painted and separated bike and pedestrian lanes around the Beulah Roundabout.
  - Raised pedestrian and bicycle crosswalks on each leg of the Beulah Roundabout.
  - Infrastructure for future pedestrian and bicycle signalization of Beulah Roundabout crosswalks.
  - Five-foot medians with pedestrian refuges on the west and east side of Milton Road on University Avenue and University Drive, respectively (the north-south crosswalks) requiring the narrowing of the designed vehicular lanes to provide the space.
- Kimley-Horn, more specifically Mark Lenters (a nationally acclaimed roundabout expert) has completed an intersection operational analysis for a proposed roundabout at Milton Road and University Drive. Highlights and conclusions from this report will be presented to City Council on 12 October.
- SWI and their respective subconsultants are integrating the design components listed above and City Staff will present that design at the 12 October City Council Meeting.



*Extent map of new Beulah and University Roadway Project – taken from 60% plans.*

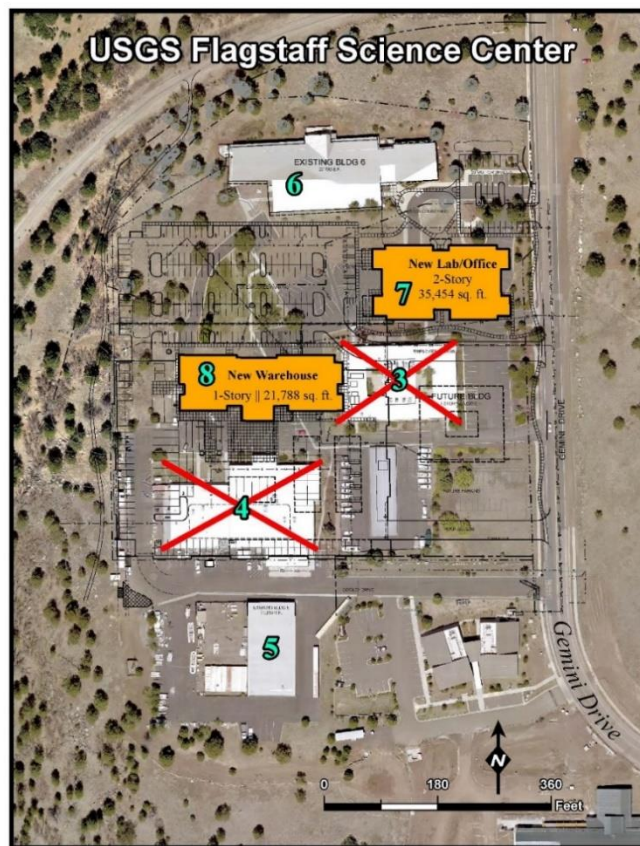
## USGS Flagstaff Science Center Campus - Build to Suit (DESIGN PHASE)

FUND: GENERAL GOVERNMENT

**Description** – This project will bring new improvements to the USGS Flagstaff Science Center Campus, located just south of Buffalo Park. There will be two existing buildings demolished (buildings 3 and 4), and two new buildings constructed (buildings 7 and 8). One of the new buildings will be a new lab and office facility while the second building will be a new warehouse. These two new buildings will require a minimum certification from the U.S. Green Building Council's Leadership in Energy and Environmental Design (USGBC) of "Green Building Rating System" of "LEEDTM Silver for New Construction (NC)."

### **Project Update:**

- City Staff is concerned the construction costs have increased significantly over the past two years and funding options for construction may not cover current construction costs.
- Due to these increased costs, the City is working with Kinney Construction Services (KCS) to update the cost estimate for new construction as well as investigating the potential for short-term renovation of existing Building 3 and Building 4. KCS was selected for this task as they provided an update in October of 2019 and are the most cost-effective and timely route to update the current estimate.
- Estimation work by KCS is likely to be completed the first week of September. City Staff will meet, following the completion of the estimation work, to discuss the project's financial feasibility and a path forward.



*USGS Flagstaff Science Center Campus.  
Buildings to be constructed are shown in orange.  
Buildings 3 and 4 (shown with red X) will be demolished.*



## **Coconino Estates Improvements Phase II** (CONSTRUCTION PHASE)

FUND: ROAD REPAIR & STREET SAFETY & AGING WATER AND SEWER INFRASTRUCTURE REPLACEMENT PROGRAMS

**Description** - This is a utility and roadway improvements project located on several streets in the Coconino Estates neighborhood as seen in the map below. Improvements on the streets generally consist of replacing all existing utility and roadway infrastructure. The utility improvements include replacing the existing water and sewer mains, water and sewer services, fire hydrants, and manholes. The roadway improvements include replacing the existing asphalt roadway, replacing rolled curb with vertical curb, constructing driveway ramps at driveway entrances, and replacing select sidewalk only where it currently exists on Crescent Drive. Sidewalk will NOT be installed where it does not currently exist. For additional information visit the Project website at [www.coconinoestates.com](http://www.coconinoestates.com)

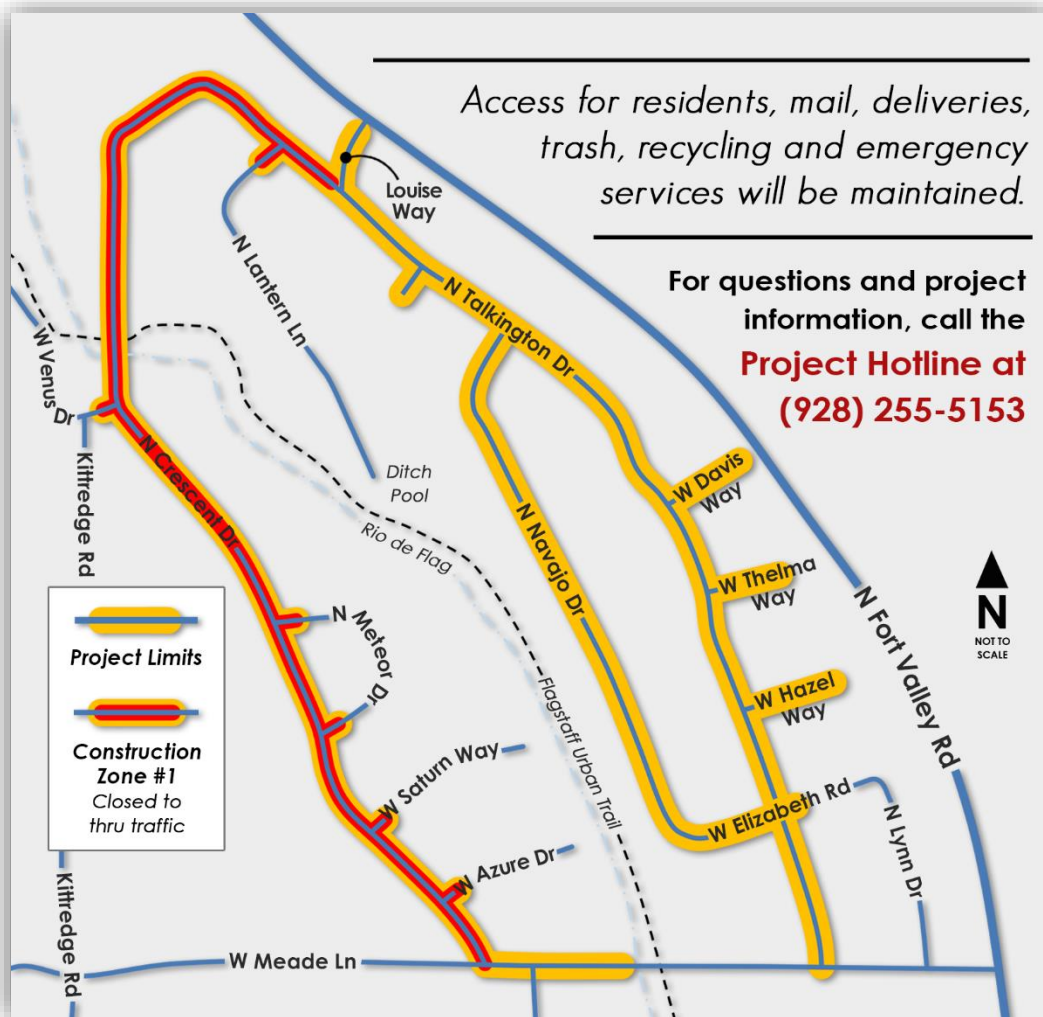
**Contractor** - Standard Construction Company

### **Project Update:**

- Sewer main installations continue along Crescent.
- Crescent will be closed to through traffic from Meade to the Talkington/Louise intersection, with detours posted around the closure for non-residential traffic.
- Karen Cooper FUTS will be closed from Crescent to Lantern for approximately the month of September pending weather conditions, with detours posted around the closure, for the installation of the new section of sewer main connecting Crescent and Rio de Flag sewer mains.
- Access to the Ditch Pool will be maintained with directional signs posted through the closure.



*Crescent Dr. just south of Venus Dr. intersection, looking south at sewer installations.*



*Coconino Estates Improvements Phase II Project Map*



## **West Flag Improvements - David & Hutcheson** (CONSTRUCTION PHASE)

FUND: ROAD REPAIR & STREET SAFETY

**Description** - This is a utility and roadway improvements project located on David Drive and Hutcheson Drive as seen in the map below. The Project originally included Canyon Terrace and was bid as one project in the spring of 2020 but was pulled at the end of the bidding process given the economic and funding source uncertainties due to the COVID 19 Pandemic. It was decided to split the Project into two separate projects consisting of 1. David/Hutcheson and 2. Canyon Terrace. Improvements on the streets generally consist of replacing all existing utility and roadway infrastructure. The utility improvements include replacing the existing water and sewer mains (except for on David Drive), water and sewer services, fire hydrants, and manholes. The roadway improvements include replacing the existing asphalt roadway, replacing rolled curb with vertical curb on David Drive, and replacing select edge improvements (sidewalk, curb and gutter, etc.). For additional information visit the Project website at [www.Flagstaff.az.gov/westflagimprovements](http://www.Flagstaff.az.gov/westflagimprovements).

**Contractor** - Mountain High Excavating

### **Project Update:**

- Water main, water and sewer service installations are complete on David, testing and connections remain.
- Concrete curb, driveway, and sidewalk installations continue along David working north from William.
- Sewer main installations on Hutcheson were completed the week of 8/9/2021.
- Water main installation in coordination with the Unisource gas main relocation and joint trenching continue along Hutcheson currently near the Apollo intersection working west.
- David Drive and Hutcheson Drive will be closed to thru traffic from William Road to Fine Avenue, with detours posted around the closure.



*Hutcheson Dr., looking west at the water and gas main joint trenching.*

FUND: ROAD REPAIR & STREET SAFETY

[www.Flagstaff.az.gov/westflagimprovements.](http://www.Flagstaff.az.gov/westflagimprovements)

### Project Update:

- Sewer main installations are complete.
- Water main installations continue.
- Water and sewer service installations continue following water main installations.
- An underground APS line was discovered, which was installed earlier this spring in error by APS and the City, in the exact path of the proposed water main. The Team coordinated with APS and determined a revised alignment and plan that is anticipated to still allow for completion of the Project this year.
- Work zones will vary during the water main and service installation work.



*Canyon Terrace Dr. south entrance, looking north at water main work.*

## **Coconino Estates Improvements Phase I** (CONSTRUCTION PHASE)

FUND: ROAD REPAIR & STREET SAFETY

**Description** - This is a utility and roadway improvements project located in the Coconino Estates neighborhood on Beal Road from Rockridge to Fort Valley, Navajo Drive from Navajo Road to Murray, Whipple Road from Navajo Drive to McMillan, and Navajo Road from Navajo Drive to Fort Valley. Improvements on the streets generally consist of replacing existing infrastructure with new, including water and sewer mains, water and sewer services, fire hydrants, storm drains, streetlights, the entire asphalt roadway, and defective select edge improvements (curb & gutter, sidewalk, etc.), except for Whipple Road which will only receive a new water main. There will also be new infrastructure added consisting of underground electric lines for streetlighting and sidewalk on both sides of the street where it does not currently exist on Beal Road, Navajo Drive south of Beal, and on Navajo Road. For additional information visit the Project website at [www.coconinoestates.com](http://www.coconinoestates.com).

**Contractor** - Eagle Mountain Construction

### **Project Update:**

A new way of communicating project information has just been started with the recent installation of a new project sign and banner prototype that include a QR code for the public to scan and view more information on the Project website.

#### **Navajo Road (Construction Zone #1)**

- Majority of improvements are complete.
- Final signage remains.
- Navajo Road is open to all traffic; however, temporary shoulder closures will occur as the remaining items of work occur.

#### **Navajo Drive (Construction Zone #2)**

- Majority of improvements are complete.
- Final signage, landscape restorations, and various Punchlist Items remain.
- Navajo Drive from Hopi Drive to Whipple Road is closed to thru traffic, with detours posted around the closure.

#### **Beal Road (Construction Zone #3)**

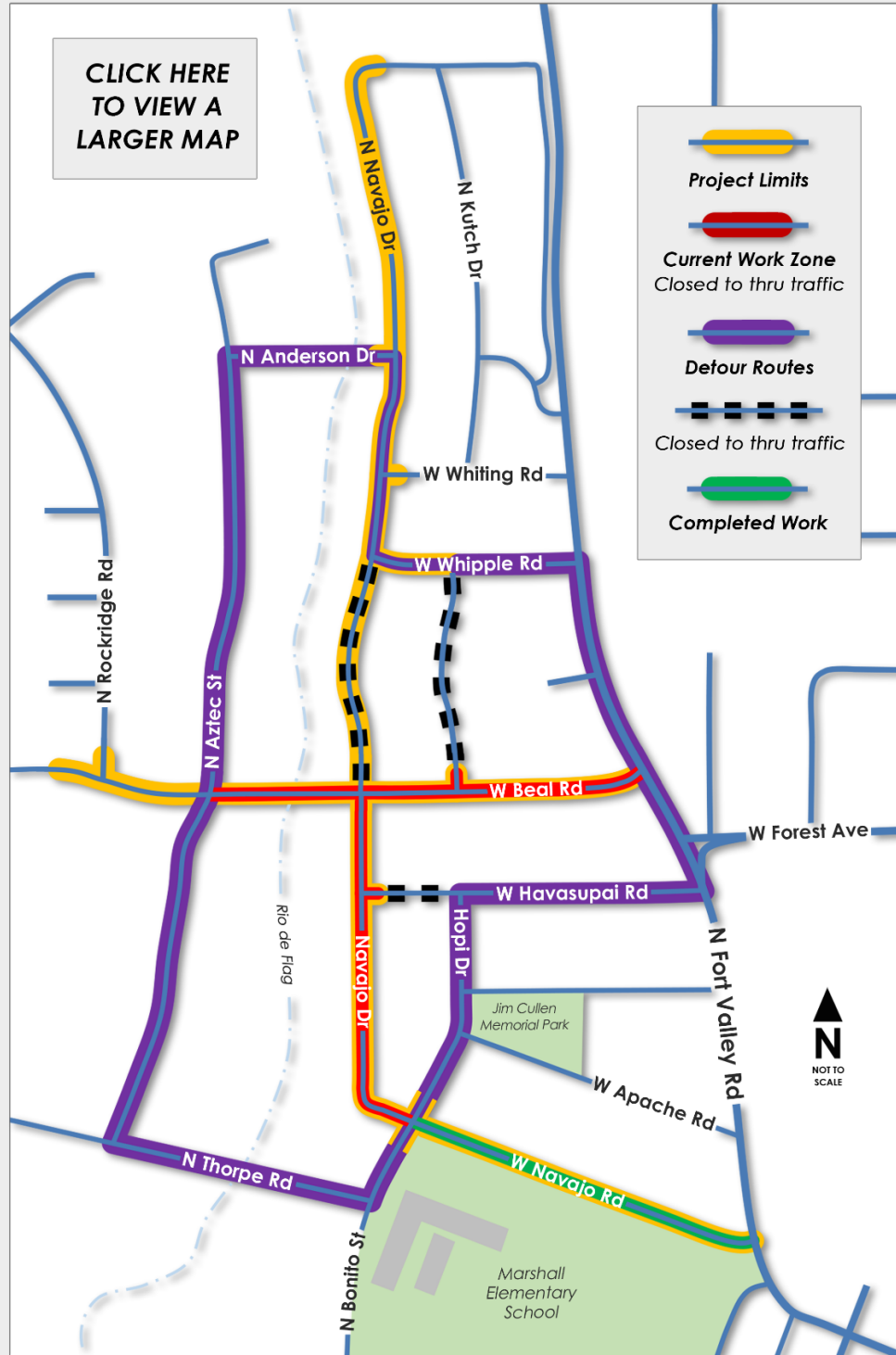
- Storm drain installations are complete on Beal from the Rio de Flag to Navajo.
- Water and sewer mains installations, testing, and tie-ins are complete on Beal from the Rio de Flag to Fort Valley.
- Underground electric conduit for streetlights installation are complete on Beal from Navajo to Fort Valley.
- Concrete curb, sidewalk, and driveway installations continue along Beal from Rio de Flag to Fort Valley.
- Final subgrade preparation prior to paving continues along Beal from the Rio de Flag to Fort Valley Road.
- Paving operations anticipated for 9/2/2021 have been rescheduled to 9/6/2021 due to inclement weather.
- Beal Road is closed to thru traffic from Aztec to Fort Valley, with detours posted around the closure.
- The intersections of Beal Road and Navajo Drive will be closed to all traffic throughout the week, including the weekend.
- The Fort Valley FUTS and the southbound bike lane along the west side of Fort Valley Road/HWY 180 will be closed between Deanna Way and Forest Avenue from Tuesday, September 7 to Thursday, September 9 in preparation and during paving operations.





*Beal Rd. at McMillian Rd., looking east at final subgrade preparation prior to paving.*

CLICK HERE  
TO VIEW A  
LARGER MAP



For general questions  
and project  
information, call the  
**Project Hotline at  
(928) 255-5153**



Residential access for mail, deliveries, trash,  
recycling, and emergency services will be  
maintained. No Mountain Line bus routes  
are affected during this time.

Current road closures and detours.

## **Fourth Street Reconstruction** (CONSTRUCTION PHASE)

FUND: TRANSPORTATION TAX (RENEWED TAX)

**Description** – The project is on Fourth Street from the Soliere Avenue intersection, southerly to just past the Sparrow Avenue intersection. The work will construct a new pavement section with two northbound and two southbound lanes and a center turn lane, northbound dedicated right-turn lanes from Fourth Street onto Sparrow Ave. and onto Soliere Avenue, new streetlights, new traffic signals at Soliere Avenue, new 12" water main and new 8" water main, curb and gutter and new sidewalk. The reconstruction work will connect with the recently completed bridge replacement project.

### **Project Update:**

- Paving operations were completed during the week of Aug 2<sup>nd</sup>.
- Fourth St was closed from 3am to 7pm on August 3<sup>rd</sup> to complete final paving.
- Fourth St was closed on Aug 3<sup>rd</sup> and the top lift of asphalt was installed throughout the project. Fourth St was reopened one hour ahead of schedule.
- Sparrow Ave, Soliere Ave, and Fourth St were all open, although traffic restrictions continue to be in place, before the opening of school during the week of Aug 9<sup>th</sup>.
- Striping, valve adjustments, and misc. project items will continue to impact traffic on Fourth St for the next few weeks.
- Full opening anticipated no later than September 10th.



*Fourth Street Reconstruction –Initial Striping installed*



## **Lone Tree Overpass Project** (DESIGN PHASE)

FUND: TRANSPORTATION

**Description** - The Lone Tree Overpass Project will provide a grade-separated crossing over the future Rio de Flag drainage and the BNSF Railway corridor from Butler Avenue to Route 66. Funding for this project is provided through voter approved bonds as designated in the 2018 Proposition 420. The project will be delivered via the Design-Build process and the team includes Ames as the contractor and WSP as the prime design consultant.

### **Project Update:**

- Property acquisition is proceeding with appraisals, relocations, and offers to property owners.
- On August 11, the project team presented intersection alternatives to a special combined meeting for the Transportation Commission, Bike Advisory Committee, Pedestrian Advisory Committee, and the Sustainability Commission. Topics focused on bike/ped safety and accessibility as well as vehicular travel.
- City staff and the consultant team held a public involvement process meeting on August 12 to discuss the project website and our first public meeting, which is scheduled for September 30.
- Technical working group meetings were held on August 11 and August 25. Discussion items included site drainage, circulation road alignment, BNSF rail alignment, public involvement schedule, and intersection concepts with bike and pedestrian separation and safety at the forefront.
- The draft Traffic Impact Analysis (TIA) was submitted to ADOT the week of August 23.



*Lone Tree Overpass Concept Design*

## **Old Municipal Court Demolition and Temporary Parking Lot** (CONSTRUCTION PHASE)

FUND: COURT USER FEES AND BOND FUNDS

**Description** - The old Municipal Court Facility and Prosecutor's buildings located at 15 N. Beaver Street are slated for demolition and the parcel will be improved to provide temporary public parking. These parcels will be considered for future development, with input from the Downtown Visioning Plan that is underway.

### **Project Update:**

- City is working with CenturyLink to remove their phone lines that are physically attached to the Old Court House Building to enable the complete demolition of the old courthouse building.
- The buildings will be demolished after utility relocations (by others) are complete and the goal is to have temporary paved parking installed before the new year.



*Old Municipal Court Building*



## **Library Entrance** (DESIGN PHASE)

FUND: BBB - BEAUTIFICATION

**Description** – Project to bring Library Entrance into ADA compliance with new handicap ramp and new overall vision for the entrance. Public art will be incorporated into project and an artist is being brought onto the design team. Project includes upgrades to landscaping, handicap-accessible parking, parking lot, and hardscape.

### **Project Update:**

- On May 11<sup>th</sup>, City Council provided direction to go with “Concept 2” (see below) with further direction to staff to revisit the placement of the proposed public art component.
- The selected concept plan has been found complete as part of the City IDS Concept Plan review process.
- The project team, working with the artist, fabricator, and Risk Management, has addressed the safety concerns brought up at City Council.
- The project is approaching 60% design completion.
- Drilling work associated with soils investigation occurred on Friday September 3<sup>rd</sup> and impacted some walkways and parking lot around the Library.



*Library Entrance Project-Rendering of selected concept plan*



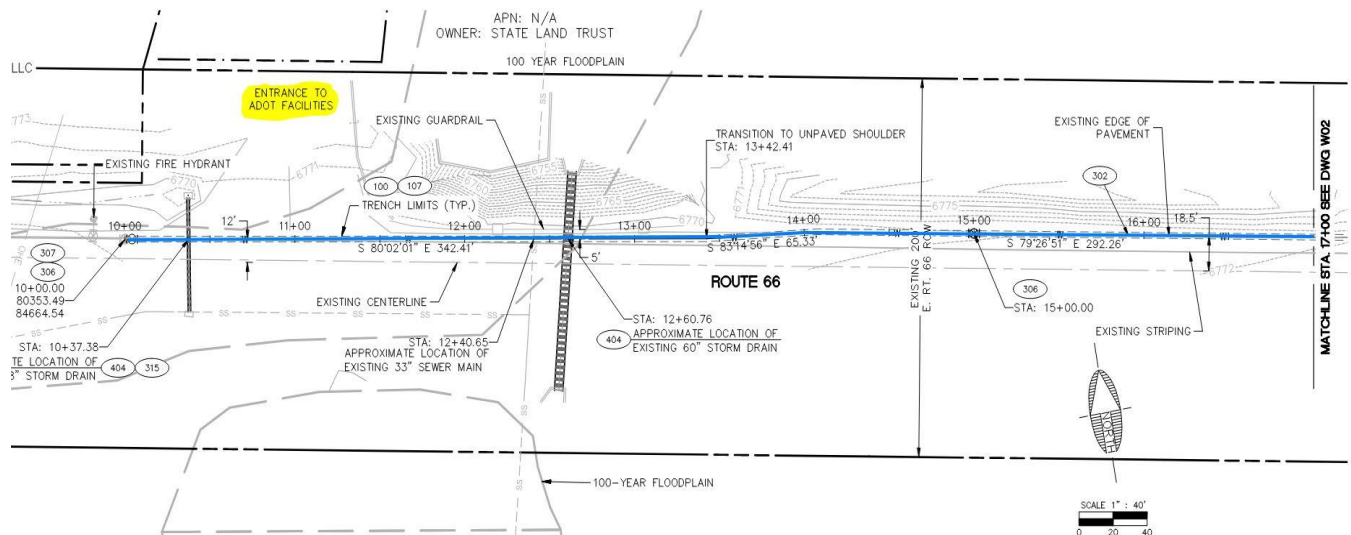
## East Route 66 and El Paso Flagstaff Waterline Extension (DESIGN PHASE)

FUND: AGING INFRASTRUCTURE

**Description** – A utility improvements project that extends the 12" ductile iron waterline approximately 2,450 linear feet from approximately the intersection of Test Dr. and Rt. 66 to the intersection of El Paso Flagstaff Rd. The waterline extension continues north, up El Paso Flagstaff Road towards the Wildcat Hill Wastewater Treatment plant, with approximately 1,600 linear feet of new 8" ductile iron waterline. The project also calls for a repaving of El Paso Flagstaff Road for the extents of the waterline extension.

### **Project Update:**

- The project will be added to the working calendar for late September / early October 2021 for award of a contract to construct. The date is dependent on additional funding identification.
- A bid package was advertised, and bids opened on August 13, 2021. Five bids were received, and staff is working through the process to recommend award to the apparent low and responsive bidder.
- Plans and bid schedule were revised to add fiber conduit banks and pull boxes to the project.
- Construction is expected to start in the fall of 2021.



*Current civil plan set in review, blue line represents the starting point of the waterline extension that begins just west of the ADOT facilities driveway and Rt 66 intersection.*

## **Huntington Waterline Replacement** (CONSTRUCTION PHASE)

FUND: AGING INFRASTRUCTURE

**Description** - The Project consists of installing 3,000 LF of new 16" ductile iron waterline, and associated roadway improvements. Included in the project will be new water services, fire hydrants and air release valves. The existing waterline in this area is over 60 years old. This project is part of the City's ongoing aging water infrastructure replacement program.

### **Project Update:**

- The initial Notice to Proceed has been issued for the project, June 1, 2021.
- Due to delays in supplies and materials, work was delayed. A change order was issued for the delays and project work will begin, effective August 23, 2021.
- Project work has started, the awarded contractor, Sellers and Sons, has mobilized equipment and materials to the site. Potholing investigative work and clearing of the site has begun with project work planned to begin the week of August 30<sup>th</sup>.
- Staff continues to address the public and coordinate with property owners to remove materials that have been stored in the easement by businesses.
- Completion of the project is anticipated by spring 2022.



*Clearing and grubbing of the proposed alignment for the 16" waterline*

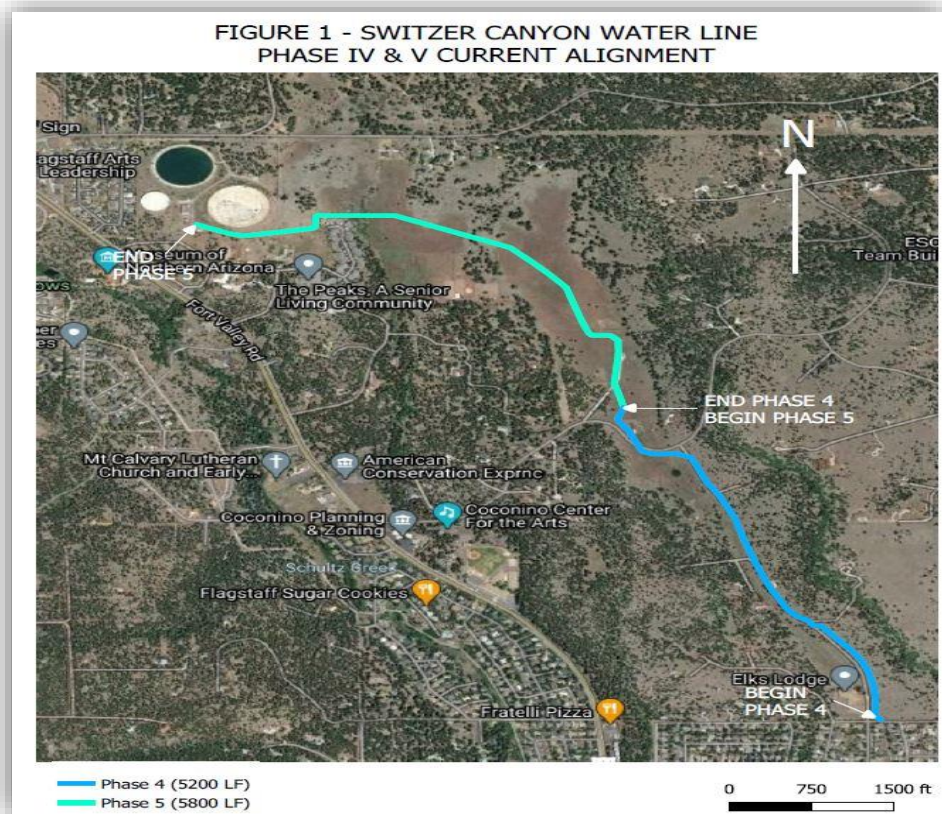
## **Switzer Canyon Transmission Main Phase IV & V (DESIGN PHASE)**

FUND: AGING INFRASTRUCTURE

**Description** – The Project consist of installing two new transmission mains, 24” and 16”, that will complete the distribution system, zone A and B, from the Downtown area to the City Reservoirs near Cheshire. The length of Phase IV and V is approximately 11,000 feet. The project is within City limits and the urban distribution service area within the County. Included in the project will be the two water mains with appurtenances, new bundled water meter/service locations and fire hydrants.

### **Project Update:**

- Property acquisition is in progress with preliminary legal descriptions, environmental clearances and site assessments.
- Appraisal services are required to determine value of the proposed easement acquisition as well as value of providing out-of-city water service as is being requested by affected property owners.
- Phase IV is in the 95% design stage for improvements.
- Phase V is in the planning phase to define the final alignment.
- Construction of Phase IV is anticipated for spring of 2022
- Construction of Phase V is anticipated for 2023
- Comments on the 95% level plans for Phase IV were transmitted to Turner Engineering for their action. Final construction plans for Phase IV are expected fall 2021.
- Staff continues to research and coordinate the out of City water services and how it will be applied to the Switzer Canyon Transmission Main Project Phase IV and V.





## **Summit Waterline Replacement** (CONSTRUCTION PHASE)

FUND: AGING INFRASTRUCTURE

**Description** - Approximately 3,300 ft of new waterline, water services, fire hydrants, and pavement reconstruction. The City intends to replace the water infrastructure and pavement on: S. Walnut Street from Santa Fe Avenue to Coconino Avenue; S. Sycamore Street from Santa Fe Avenue to Grand Canyon Avenue; S. Spring Street from Montvale Avenue to Grand Canyon Avenue; W. Summit Avenue from Santa Fe Avenue to end; and W. Santa Fe Avenue from Walnut Street to Thorpe Road. Waterline only will be installed on W. Montvale Avenue from Santa Fe Avenue, to end. The existing waterlines in this area range from 58 to more than 90 years old. This project is part of the City's ongoing aging water infrastructure replacement program.

### **Project Update:**

- The project has now been paved.
- Final adjustments have been made to water service connection.
- Remaining asphalt patches needed around the project have been completed.
- Valve and manhole adjustments have been completed on Santa Fe Ave.
- The project will now shift to clean up and punchlist items.
- Project continues to work on remaining items and will reach substantial completion shortly.



*Summit Waterline Project-New striping on Santa Fe Ave installed by Streets*

## **Rio de Flag Flood Control Project** (Design Phase)

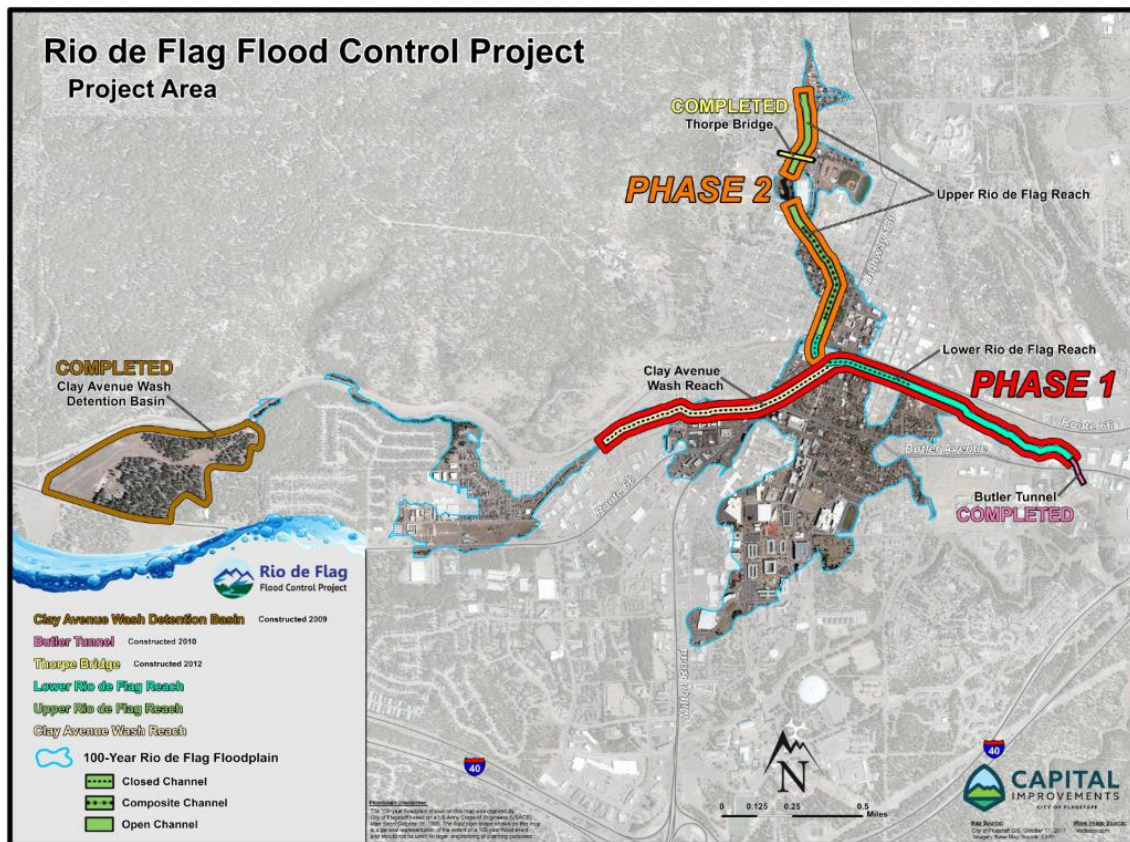
FUND: STORMWATER & AGING INFRASTRUCTURE

**Description** - Design consists of channel improvements along both the Rio de Flag and Clay Avenue Wash channels through central Flagstaff and includes a combination of underground concrete box culverts, open channel, and composite channel. The composite channel section has both an underground culvert to carry large volumes of water and a smaller open channel on top, which will provide an aesthetic element of flowing surface water during rainfall events. Total project length is approximately 15,000 feet.

The purpose of the Rio de Flag Flood Control Project is to remove the hazards associated with the hundred-year storm event, which include property damage, life safety concerns, and community economic impacts. From research conducted by the Army Corps, it was determined that a significant flood would damage approximately 1,500 structures valued at over \$916M and cause \$93M in economic damages, for a total impact of over \$1 Billion dollars.

### **Project Update:**

- Work continued this month on refinement of the design plans and development of the real estate documents.
- On August 16, City staff attended a meeting with Senator Sinema's staff to discuss project needs, including coordination with BNSF Railway and the Army Corps, and support for the RAISE planning grant that was submitted.
- Milton Bridge Phase I draft report submitted
- DCC coordination meeting
- On July 8, Trevor Henry (City Senior Project Manager), Allen Haden (Natural Channel Design), and Guillermo Cortes (SWI) lead a discussion and field walk with the Friends of the Rio organization on the composite channel section of the Upper Reach, from Frances Short Pond to City Hall. Discussion items included the relationship between the Army Corps' box structure and the surface channel, the capacity and operation of the surface channel, and the location of the FUTS trail.
- The RAISE planning grant application, which will fund investigation of coordination and delivery of the City's Downtown Mile local projects and BNSF mitigation items was submitted to the USDOT on July 12. Notification on approval is anticipated November 2021.
- On July 14, Mountain Line and City staff met to discuss project coordination items, including schedule, City submittals, and structured parking.
- Regular project meetings between the City and Army Corps continued this month. Discussion items included Frances Short Pond future maintenance requirements, real estate, and Phase II (Upper Reach) design completion schedule.





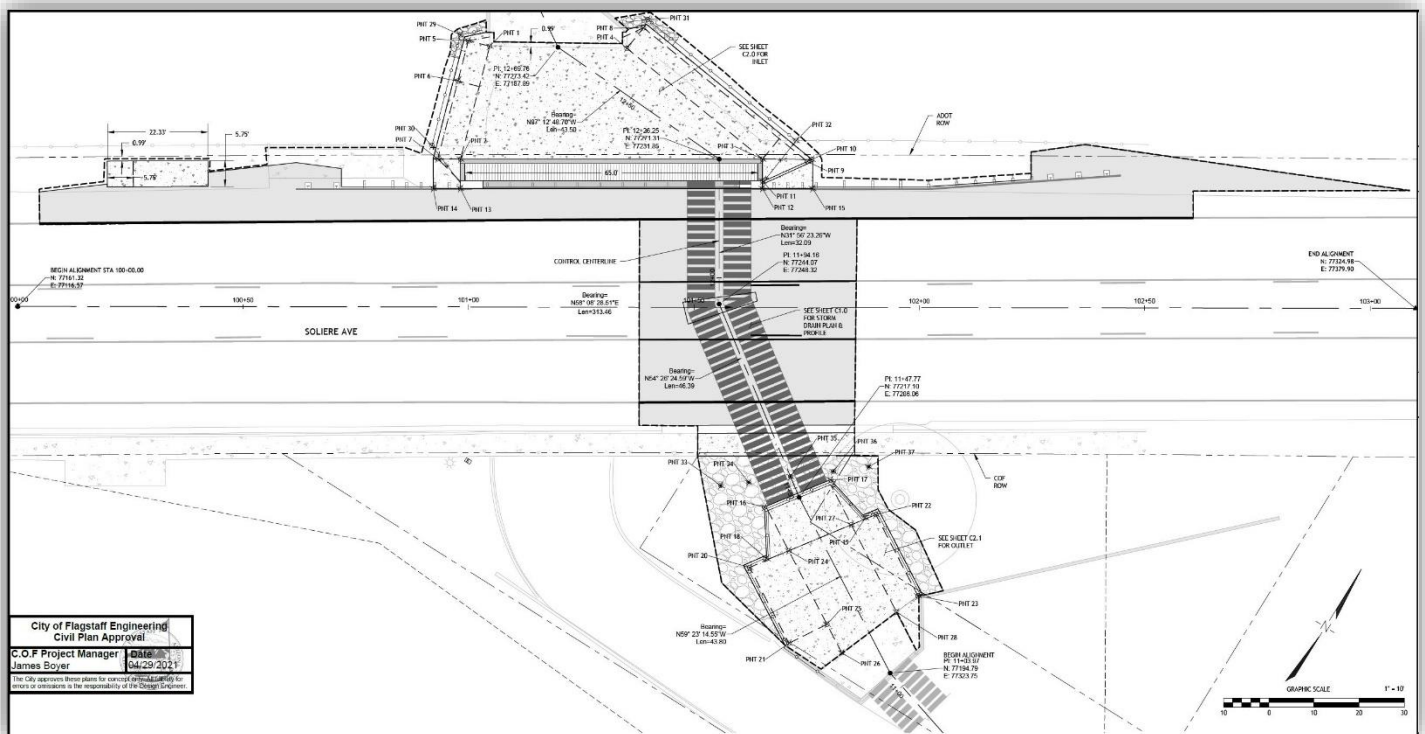
## Steves Boulevard Wash at Soliere (DESIGN PHASE)

FUND: STORMWATER

**Description** – This is a stormwater improvements project to eliminate the low water crossing from Steves Boulevard Wash at Soliere Avenue.

### Project Update:

- One JOC bid was received and was significantly over budget. The project will be readvertised for hard bids in October with the intention to start construction in late winter of 2022.
- ADOT has endorsed the design for the portion of the improvements that are within their right-of-way.
- NAIPTA has been coordinated with to relocate the existing bus stop in conflict with the new guardrail on the north side of Soliere Ave.
- The Summit Apartments that border the project limits and are just downstream have been notified of the project and the intent of the improvements.



*Final Approved Construction Plans*

## **Route 66 ADOT Bridge Replacement Project** (CONSTRUCTION PHASE)

FUND: ARIZONA DEPARTMENT OF TRANSPORTATION

**Description** – Project consists of removing the existing concrete bridge that crosses the Rio de Flag channel and replacing with a precast box girder bridge with precast abutments. Included with the project are roadway approach slabs on either side of the new bridge, channel improvements with bank protection and revegetation mitigation measures. The purpose is to provide a new Route 66 bridge crossing at the Rio de Flag to serve Route 66/Milton.

### **Project Update:**

- The ADOT contractor, FNF Construction, is contracted to complete the work by October 2021.
- Contractor has completed the concrete surface improvements within the bridge and Rt.66 limits.
- The overexcavation beneath the new bridge will start the week of August 30<sup>th</sup>. Work was stopped do to monsoonal rain and flooding that occurred within the previous three weeks.
- The contractor applied the final paint configuration as approved by ADOT.
- ADOT continues to update City staff on construction matters and will release information to the public through media releases.
- The contractor has cleared all lane closures, no restrictions are in place. When work continues, implementation of lane closures for EB or WB Route 66 will continue until work on the bridge is completed. ADOT will be monitoring the traffic and will make alterations as needed.



*Bridge structure with new paint*

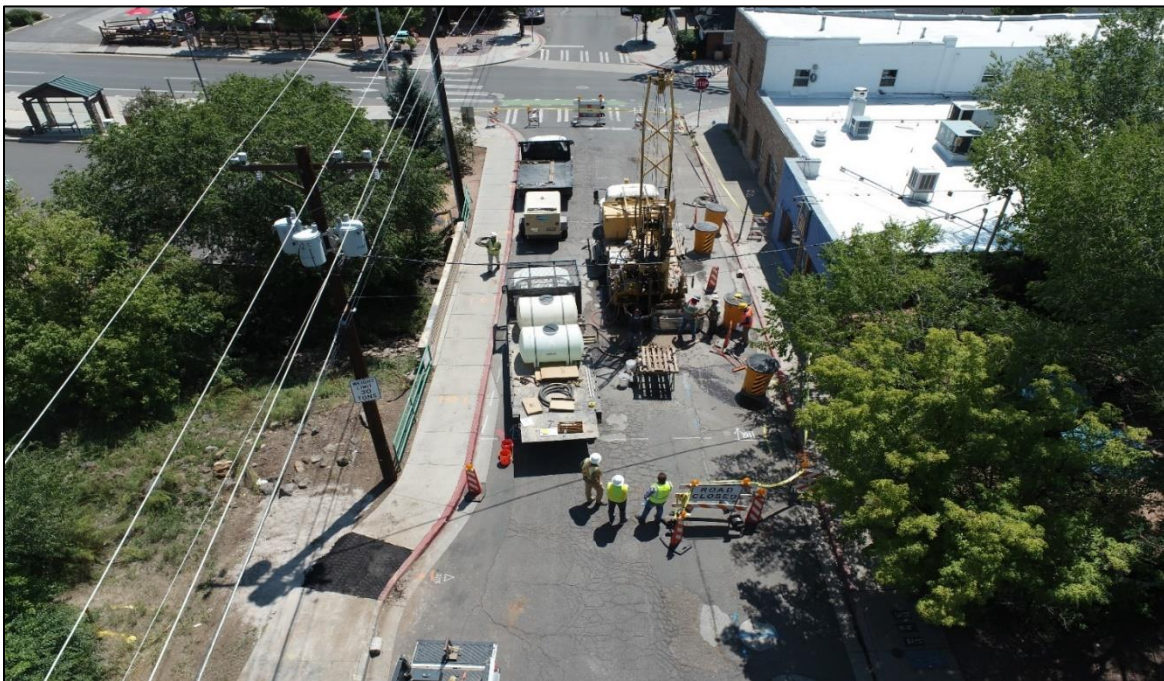
## **Phoenix Avenue Bridge and Waterline Replacement** (Construction PHASE)

FUND: STORMWATER & AGING INFRASTRUCTURE

**Description** - The project will replace the Rio de Flag box culvert (which runs beneath Phoenix Avenue and the Zani building, and functions as the Phoenix Ave bridge) with the appropriate conveyance structure and will upsize the current waterline to a 12" waterline in Phoenix Avenue from Mikes Pike to Beaver Street. Phoenix Avenue will be reprofiled and lowered to achieve a standard street section, roadway surface drainage issues will be addressed, edge improvements will be made as needed and the roadway will be repaved. The existing waterline in this area is over 114 years old. This project is part of the City's ongoing aging water infrastructure replacement program.

### **Project Update:**

- A Notice to Proceed was issued for August 2<sup>nd</sup>.
- Traffic control closing Phoenix Avenue was setup August 2<sup>nd</sup>.
- Franchise utility relocates started August 2<sup>nd</sup>.
- The gas line was removed from the bridge on August 4<sup>th</sup>.
- Geotech coring to assess subgrade conditions for the new footings occurred on August 5<sup>th</sup> and 6<sup>th</sup>.
- The Zani beam restoration tentatively scheduled to start August 30<sup>th</sup>.
- Bridge demolition is tentatively scheduled for early September however a utility conflict associated with CenturyLink phone lines will cause a delay until these facilities can be relocated. It is uncertain at this time what the extent of the delay will be.
- On the afternoon of September 2<sup>nd</sup>, the contractor damaged an existing gas line that caused an evacuation of the area. The gas line was repaired that evening however, some businesses were required to close due to gas service being shut-off to facilitate repair.



*Phoenix Avenue Bridge, looking east at Geotech coring taking place on the bridge deck*



## **Wildcat Hill Wastewater Treatment Plant (WHWTP) Digester Complex** (DESIGN PHASE)

FUND: WATER SERVICES-SEWER

**Description** – Project includes the design and construction of two 60-ft concrete anaerobic digesters with a digester control building and gas handling system. The digester control building would include new boilers, heat exchangers, digested sludge pumps, and other appurtenances to support the increased capacity of the new digester facilities. The Wildcat Hill WTP treats residual solids from both the Rio De Flag and Wildcat facilities. These new digesters will increase solids treatment train capacity to accommodate the solids produced from the treatment at both facilities.

### **Project Update:**

- Statement of Qualification (SOQs) have been received and distributed to the review panel, reviews were due end of August.
- Delivery method will be a Design-Bid-Build.
- Design is targeted for 2021 and construction is anticipated for 2022-2023.



*Existing Wildcat Plant, red circles represent proposed location of the two new digesters*

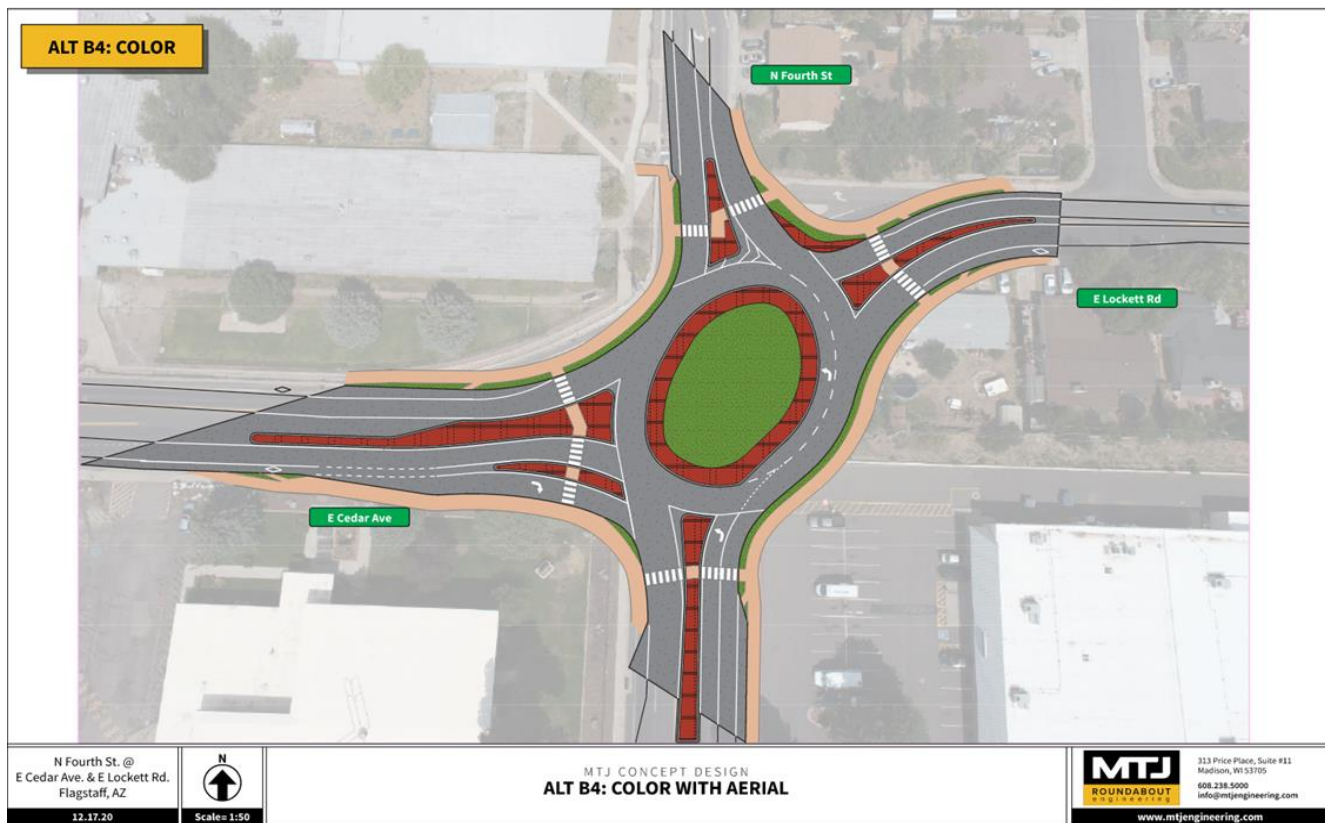
## Lockett/Fourth Roundabout (DESIGN PHASE)

FUND: HSIP GRANT

**Description** – Project consists of the design and construction of a new roundabout at the Lockett-Cedar-Fourth Street intersection. Project is funded by an HSIP Grant, with supplementary funding from City of Flagstaff. Project design and construction to be administered by ADOT. The new roundabout will improve safety and operations for vehicles, pedestrians and bicyclists in this busy intersection. Project design and construction to be administered by ADOT.

### **Project Update:**

- The project team has completed reviewing a pre-60% plan submittal.
- Environmental clearance has been received, allowing geotechnical work to proceed and the project to continue towards 60% design.
- Project team is in discussions regarding allowable closures and maintenance of traffic options.
- Initial project estimates are well over budget and the City is working with ADOT to identify supplemental funding availability.



*Selected Design Alternative- Lockett-Cedar-Fourth Intersection*